G-Irudia 2
User Manual

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Introduction

G-Irudia 2 is the second version of the application created to enable a user of Autodesk products to have easy access to the maps and the orthophotos published on the web site

(http://b5m.gipuzkoa.net).

This application will ask the Gipuzkoa Provincial Council (DFG) server for maps or orthophotos, and will show the image obtained as the backdrop to the active drawing in the Autodesk application.

As well as this, it will also make it possible to obtain various kinds of information (place names, river courses, roads and buildings) about specific points.

This application has been programmed in the VBA environment that the various types of Autodesk software have to ensure that it is completely integrated in these applications and also has all the possibilities provided by this programming environment.

System requirements

This application has been designed and tested to operate under the following Autodesk products:

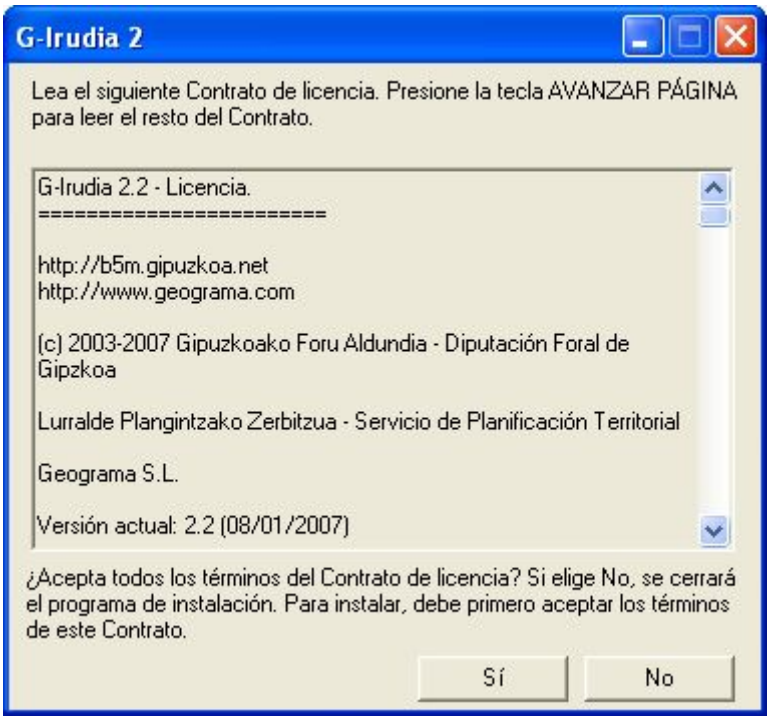
AutoCad 2000	AutoCad 2000i	AutoCad 2002	AutoCad 2004
AutoCad 2005	AutoCad 2006	AutoCad 2007	
AutoCad Map 2000	AutoCad Map 2000i	Autodesk Map 5	Autodesk Map 6
Autodesk Map 2004	Autodesk Map 3D 2005	Autodesk Map 3D 2006	Autodesk Map 3D 2005

The application might also operate properly under other Autodesk products.

An active Web connection is required for requests for maps and information.

Installation

Fig.1: Installation of the application.


G-Irudia 2
Lea el siguiente Contrato de licencia. Presione la tecla AVANZAR PÁGINA para leer el resto del Contrato.
G-Irudia 2.2 - Licencia.
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http://b5m.gipuzkoa.net
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Geograma S.L.
Versión actual: 2.2 (08/01/2007)
¿Acepta todos los términos del Contrato de licencia? Si elige No, se cerrará el programa de instalación. Para instalar, debe primero aceptar los términos de este Contrato.
Sí
No

The program will be installed using an assistant. This will ask the user for various details, including:

- Tasks to be performed: depending on the elements that have been installed, this allows you to select the tasks to be performed. These tasks will be:
    - Installing the program (compulsory if the program were not installed).
    - Installing the files for the button bar (see fig. 2), compulsory if the program were not installed.
    - Loading the button bar in the Autodesk application; in normal operating conditions the Autodesk application will close after loading the bar, nevertheless if an error occurs, it will remain open and will have to be closed by the user to bring the installation process to a close.

Fig.2: Button bar for the application.

- Installation directory for the Autodesk product; directory in which you can find installed the Autodesk product on which you want to install the application.

Use of tools

This section will explain how the various tools work that the application provides users with

Go to the initial map ***(*** ***)***

This tool displays an initial working map; to view this, when you press this button, it will zoom in on the entire area of the initial map, whose coordinates are set up in the configuration (by default, the province of Guipúzcoa) and will automatically ask for the map that covers this initial area with the options set up in the configuration.

As has already been pointed out, this initial map can be modified by the user through the program configuration (see later on in this manual).

Obtain background ***(*** ***)***

This tool will request the map covering the area shown in the window of the active drawing according to the options set up in the program configuration.

Before this request for the new map, if there is a previous map and it has not been previously saved by the user, then it will be eliminated.

Obtain municipality ***(*** ***)***

This tool is for obtaining the map background or the orthophoto of one of the municipalities in the province; to do this, users will be shown a list of municipalities in the province and will be asked to choose one of them (see fig. 3).

Fig.3 “Request for a town backdrop”

To select the municipality the user can search in the list or write in its name.

When you write in the name the list will automatically select the first match that is found in this, which will help users.

When you press the “Request” button it will zoom in the selected municipality and the map of the area shown after the zoom will automatically be requested, always bearing in mind the options established in the program configuration.

Save Backdrop ***(*** ***)***

This option will enable the user to save a copy of the last map that has been requested; to do this it will request the name and location of the picture file that contains this.

When you save the map the picture file will be created at the location shown and the properties in AutoCad will be changed to assign them to the new name and location.

NOTE: Once the map has been saved, it cannot be deleted by the application.

Remove backdrop ***(*** ***)***

Using this tool you can eliminate the active drawing of the map you have asked for (if there is one).

Identification buttons for items ***(*** ***...)***

Here you will find a set of tools under a pop-up bar, this will allow you to select the button for the type of item about which you wish to obtain information; the possibilities will be:

- Buildings (only valid for scales less than 1:16000)
- Roads
- Rivers
- Place names

In all these cases after pressing the button you will be asked to choose the place where you wish to make the inquiry in order to then display the result obtained in a message box (see Fig. 4).

Fig. 4 “Information on place names”

This group of buttons may vary with the various versions of the application, although they all operate in the same way.

Options ( )

This shows the form that will allow you to set up certain options in the program (see Fig. 3); these options will be:

- Type of backdrop: Maps, Orthophotos or others; you can consult orthophotos between the scales of 1:1.000 and 1:50.000). The number of available backdrops may vary depending on the version.

- Asking for place names to be included: checking box to mark whether the user wishes to obtain place names on the requested maps or orthophotos. This option may be disabled in certain versions of the application.

- Language of the application: Spanish or Basque, this selects the language of the user's interface and the messages and texts shown to the user.

- Setting up the initial map: this includes two options; the first one will set up the current view of the active drawing as an initial map; in this way the user will be able to set up initial map that is different to the one included by default in the application (complete province). The second option will enable you to set the complete province as an initial map.

- Internet connection: This shows, for information purposes, details of the type of Internet connection and its status.

Fig. 5 “Program preferences”

About... *(* ***)***

This shows information about the product, original web site address and a contact address.